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May 1965

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PHOTOGRAPHIC INTERPRETATION REPORT

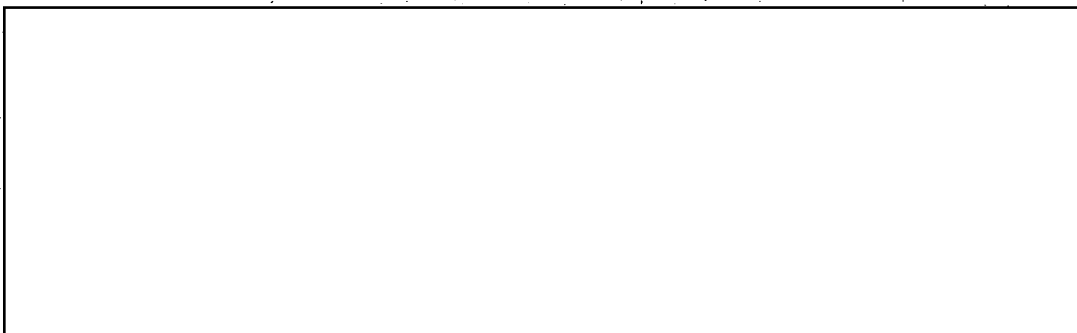
OAK MISSION 1021-1 18 - 23 MAY 1965



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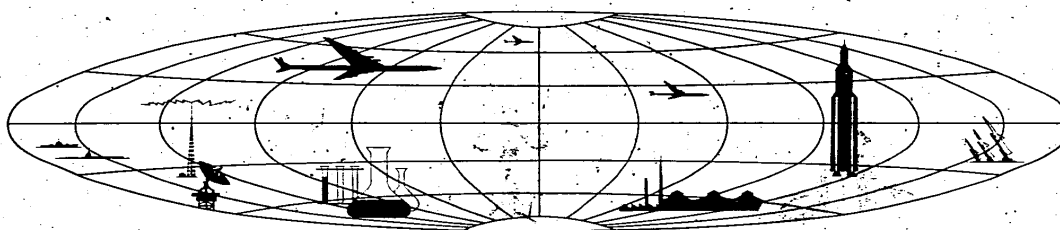


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DECLASSIFICATION REVIEW by NIMA/DOD 5/17/00

GROUP 1
Excluded from automatic
downgrading and declassification

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JUNE 1965

NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER

ADDENDUM TO NPIC

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25X1A

1. ON PAGE 16 OF THE OAK REPORT FOR MISSION 1021-1, 18-23 MAY 65, THE HEADER AND READOUT FOR COMOR TARGET
[REDACTED] SHOULD BE REPLACED BY THE FOLLOWING:

PO-LI-MO-ERH-MIAO SUSPECT SAM SITE CH 44-42N 117-05E [REDACTED]

25X1A

NO SAM SITE OBSERVED AT, OR WITHIN A 10-NM RADIUS OF, THESE COORDINATES. COORDINATES AND SEARCH AREA COVERED ON CLOUD-FREE, FAIR QUALITY PHOTOGRAPHY.

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2. THE POSSIBLE SAM SITE REPORTED IN THE OAK UNDER THE ABOVE COMOR TARGET NUMBER SHOULD HAVE BEEN REPORTED AS FOLLOWS:

BARINORUSUMU POSSIBLE SAM SITE CH 44-50N 117-14E (MISSILE BONUS)

25X1D

THIS POSSIBLE SAM SITE IS COVERED ON CLOUD-FREE, FAIR QUALITY PHOTOGRAPHY AND SHOWS NO APPARENT CHANGE [REDACTED]
[REDACTED] THE SITE WHICH IS UNOCCUPIED AND HAS NO SUPPORT BUILDINGS IS LOCATED APPROXIMATELY 12 NM NE OF BARINORUSUMU (PO-LI-MO-ERH-MIAO).

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OAK MISSION 1021-1

PREFACE

THIS IS THE ONLY OAK REPORT ON MISSION 1021-1 AND PROVIDES INFORMATION ON THOSE COMMITTEE ON OVERHEAD RECONNAISSANCE (COMOR) TARGETS OBSERVED ON THE PHOTOGRAPHY.

TARGETS ARE ARRANGED IN THE OAK BY SUBJECT AND WITHIN EACH SUBJECT BY COMOR TARGET NUMBER. TARGETS OF OPPORTUNITY OBSERVED DURING THE OAK REPORTING PERIOD ARE LISTED NUMERICALLY UNDER THE APPROPRIATE SUBJECT AFTER THE LISTING OF COMOR TARGETS. LOCATIONS OF TARGETS IN THIS REPORT ARE INDICATED BY THE COUNTRY CODE PRECEDING THE COORDINATES.

SELECTED PHOTOGRAPHIC REFERENCES FOR EACH TARGET OBSERVED AND REPORTED FOLLOW THE DESCRIPTION OF THE TARGET. PASS NUMBERS ARE SUFFIXED WITH EITHER AN A FOR ASCENDING (SOUTH-TO-NORTH), D FOR DESCENDING (NORTH-TO-SOUTH), OR M FOR A MIXED ASCENDING AND DESCENDING PASS. FRAMES ARE INDICATED BY THE LETTERS FR. THE LETTER F PRECEDING FRAME NUMBERS INDICATES THE FORWARD CAMERA, AND THE LETTER A INDICATES THE AFT CAMERA. UNIVERSAL REFERENCE GRID (X-Y) COORDINATES ARE GIVEN IN PARENTHESIS AFTER THE FRAME TO WHICH THEY APPLY. THIS GRID IS IDENTIFIED AS UNIVERSAL GRID NO 1, FEB 64. SYMBOLS INDICATING CONDITIONS WHICH AFFECT THE APPEARANCE OF THE TARGET ON THE PHOTOGRAPHY ARE AS FOLLOWS -- C (CLEAR), H (HAZE), CS (CLOUD SHADOW), HC (HEAVY CLOUD COVER), SC (SCATTERED CLOUD COVER), SD (SEMI DARKNESS), O (OBLIQUITY), S (SNOW), PQ (POOR IMAGE QUALITY).

OAK RECIPIENTS ARE CAUTIONED THAT THE INITIAL SCAN OF THE PHOTOGRAPHY IS BEING ACCOMPLISHED IN A SHORT TIME AND PRIOR TO FINAL REFINEMENT OF EPHEMERIS DATA. CONSEQUENTLY, FUTURE DETAILED ANALYSIS MAY RESULT IN MINOR ALTERATIONS.

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Highlights

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HIGHLIGHTS

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SINCE MISSION 1021 IS PRIMARILY A MAPPING AND CHARTING MISSION, COVERAGE OF INTELLIGENCE TARGETS IS LIMITED. IN THE MISSILE CATEGORY, ONLY SEVEN OF THE 25 KNOWN DEPLOYED ICBM COMPLEXES ARE COVERED. DROVYANAYA, NOVOSIBIRSK, OLOVYANNAYA AND UZHUR ARE COVERED BY CLOUD-FREE, STEREO PHOTOGRAPHY. HEAVY CLOUDS PRECLUDE A READOUT AT ALEYSK; GLADKAYA IS ONLY PARTIALLY COVERED, AND SCATTERED CLOUDS HINDER READOUT OF ITATKA. NEITHER THE TYURATAM MISSILE TEST CENTER NOR THE KAPUSTIN YAR/VLADIMIROVKA MISSILE TEST CENTER ARE COVERED. SARY-SHAGAN ANTIMISSILE TEST CENTER IS CLOUD COVERED. IN CHINA, THE SHUANG-CHENG-TZU MISSILE TEST CENTER IS NOT COVERED.

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STATUS OF COMOR TARGET READOUT

A TOTAL OF 17 COMOR TARGETS WERE OBSERVED AND ARE CONTAINED IN THIS OAK.

NOTE --

PORTIONS OF SOUTH AMERICA ARE PHOTOGRAPHED BY THIS MISSION BUT COVERAGE IS NOT DEPICTED ON THE TRACK MAPS.

TABULAR SUMMARY

A RECAPITULATION OF SIGNIFICANT ACTIVITY IS PRESENTED IN THE FOLLOWING TABLES ON SUCCEEDING PAGES --

TABLE 1 -- SOVIET ICBM DEPLOYMENT
TABLE 2 -- SOVIET MRBM AND IRBM DEPLOYMENT
TABLE 3 -- SAM AND AMM DEPLOYMENT
TABLE 4 -- NUCLEAR ENERGY ACTIVITY
TABLE 5 -- AIRCRAFT ACTIVITY
TABLE 6 -- SUBMARINE ACTIVITY
TABLE 7 -- DATE AND TIME OF PHOTOGRAPHIC PASSES

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Table 1. Soviet RBM Deployment

Complex	Launch Area																Total Soft Sites	Total Hard Sites	Total Single Shots	Total Launch Partitions
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O					
Abrysk	HC	HC	HC	HC	HC	HC											6	6	6	
Dambarsovskiy	HC	HC	HC	HC	HC	HC											5	5	5	
Druyanaya	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	1	21	18	33
Gladkaya	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	2	15(6)	14(6)	21(6)
Imeni Gagarina	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC				7
Izuka	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	3			6
Karaly	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC		8	8	8
Kozroma	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	6	1		15
Kozlovskiy	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	3	2		12
Novosibirsk	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	3	2		12
Ogryzinskaya	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC		27	24	33
Omsk	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC		1		3
Perm	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	5	12(2)	15(2)	24(2)
Plesetsk	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	10*	1		19
Shadrinsk	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC		3		9
Sverdlovskiy	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	7	1		17
Turkmenchik	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC		20(1)	20(1)	20(1)
Yekaterinburg	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	6			12
Yuzhnyy	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	2			4
Zhuravlevskiy	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC		10(1)	10(1)	10(1)
Verkhnyaya Salda	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	7	2		20
Vozrozhdeniya	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	6	2		18
Yoshkar-Ola	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	8			12
Yurya	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	8	3		25
Zhukovskiy	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	6	6		6
Deployment Total																	77	142(10)	130(10)	364(10)
Izrael-MD	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	10	21	34	46
Grand Total																	87	163(10)	164(10)	410(10)

*Includes Launch Point 1-IV, complete, but does not include 2 SSM pods at Launch Area F

*Entered as Launch Group

† Possible

Construction status (C-complete, I-start, M-mid, E-early)

□ Newly identified

★ Dropped From Listings

○ Covered by current mission

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Table 2. Soviet MRBM and IRBM Deployment

Geographic Area	Soft MRBM Launch Areas	Soft IRBM Launch Areas	Hard MRBM Launch Areas	Hard IRBM Launch Areas	Total Launch Areas	Total Launch Positions
Western	120	11	18	11	160	627
Caucasus	3		2	3	8	29
Central Asia	2	3	1	3	9	33
Far Eastern	10	1		1	12	47
Totals	135	15	21	18	189	736

Totals do not include 79 fixed field-type sites with total of 291 launch positions and one launch facility at Sovetskaya Gavan.

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Table 1. Nuclear Energy Activity

Target	Last Effective Coverage	Remarks	Observed this Mission (1021-1)
Dobbinan		Two small buildings south of the new crib and 4 areas of ground scarring south of the crib area are newly observed.	Not covered
Novosibirsk		Powerplant stacks are emitting smoke and vapor is rising from 2 of 3 associated cooling towers. Stacks of ore processing plant are emitting smoke and vapor is rising from associated cooling towers.	Good quality, stereo coverage. No significant change observed.
Semipalatinsk		Main Support Area -- Possible AE Vertical Radiator (electronic facility) under construction 1.7 km SW of the main housing area consists of 2 circular ground scars with 24 radial ground scars extending out from the center at approximately 15 degree intervals. Shot Ground -- At Research Facility No. 2, all ditches appear covered. No significant change in other areas.	Not covered
Verkh-Seyvinskij		Four probable cooling towers identified near cascade building in section F. New unidentified construction and trenching activity observed west of Section C and south of Section E. All 5 stacks of Verkhny Tural Thermal Powerplant are emitting smoke. No other significant change.	Not covered

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Table 4. Nuclear Energy Activity (Continued)

Target	Remarks	Observed this Mission (1021-1)
Zaozhuang	Good oblique photography of Areas 1, 2 and 3 and the west portion of Area 4. Area 1 -- a circular excavation approximately 100 feet in diameter just west of the on-site powerplant may be the location of a third stack. Area 2 -- Cascade Building D roof construction has reached [redacted] Area 3 -- apartment house construction continues.	Not covered
Chib-chin-shia, China	Considerable construction progress observed on good, clear, stereo photography of the reactor and the 6 cooling towers. Pipeline from waste disposal connecting with Section I and II now has been extended to Section III (Reactor Area), and a fifth covered water basin can be confirmed.	Good quality, stereo coverage of entire complex. Construction is probably completed on 2 cooling towers.
Lop Nue, China	Operations Area covered on good, cloud-free photography. Ground Zero 2 -- all construction appears essentially complete. Effects structures and equipment observed throughout area. Fourteen aircraft and small object at center of plus-sign visible. A total of 300 tons are present in the Operations Area, 250 near Main Control Plant. (Six hundred twenty tons were present [redacted])	Heavy clouds cover entire site.
Pao-tzu, China	New fence around facility is near completion. Excavation for possible new tank at water facility being dug. Tank car, 2 gondola cars and 4 unidentified rail cars are on rail yard west to Buildings 18 and 19, and 2 tank cars are on spur next to Building 20.	Not covered

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TABLE 3. AIRCRAFT ACTIVITY

Previous Significant Aircraft Count

Observed this Mission

Airfield	BOYS	BEAR	BADGER	BLVDGR	BOY VDR	WANDR ME	FIREBAR	FUDLER	FITTER	FUDRED	FUDROT	FUDROT	TOTALS	BOYS	BEAR	BADGER	BLVDGR	BOY VDR	WANDR ME	FIREBAR	FUDLER	FITTER	FUDRED	FUDROT	FUDROT	TOTALS
Aktubinsk Vladimirovka	23	5			13	2			16	15			91													
Alekseyevka	45				32	2							50													51
Anisovo Gnedishehe	34												54													
Arkhangelsk Kholm*	201												20													
Artem North	29	4											30													
Baranovich*	11																									
Baranovich*	21	12											33													
Belaya	32												53													
Belaya Tserkov	13												32													
Bobruysk*	55												55													
Botrya SW	6												6													
Bykhov*	20												34													
Chaplevka*	42												50													
Chernogilinskoye	39												50													
Chernogilinskoye	41: B B	8							10				25													
Dolon*	27: B B								29				43													
Engels*	141												36													
Gorod Priluki		10	10										20													
Kalinin*		43											44													
Kalinin*		17											17													
Kaliningrad Provost		6	11										17													
Karakut		29											29													
Kazan A C Plt 22		42	205										24													
Khorol East													0													
Mal Yavr													0													
Mal Yavr		223											22													
Melitopol		8											10													
Minsk Mac Falshebo*		1	7	14									21													
Mingorot		29											29													
Moscow Ramenskoye	6	18**	5										36													
Moscow Ramenskoye	6	18**	5										36													
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Moscow Ramenskoye	6	18**	5										36													
Moscow Ramenskoye	6	18**	5										36													

POSSIBLE * PROBABLE ** FIREBAR BREWER B/B BEAR CLEAT ** BADGER CAMEL

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Table 6. Submarine activity.

Base	Previous Submarine Count												Observed this Mission																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
	SSBN, B-100	SSBN, B-100	SSBN, B-100	SSBN, B-100	SSBN, B-100	SSBN, B-100	SSBN, B-100	SSBN, B-100	SSBN, B-100	SSBN, B-100	SSBN, B-100	SSBN, B-100	SSBN, B-100	SSBN, B-100	SSBN, B-100	SSBN, B-100	SSBN, B-100	SSBN, B-100	SSBN, B-100	SSBN, B-100	SSBN, B-100	SSBN, B-100	SSBN, B-100	SSBN, B-100	SSBN, B-100	SSBN, B-100	SSBN, B-100	SSBN, B-100	SSBN, B-100	SSBN, B-100	SSBN, B-100	SSBN, B-100	SSBN, B-100	SSBN, B-100	SSBN, B-100	SSBN, B-100	SSBN, B-100	SSBN, B-100	SSBN, B-100	SSBN, B-100	SSBN, B-100	SSBN, B-100	SSBN, B-100	SSBN, B-100	SSBN, B-100	SSBN, B-100	SSBN, B-100	SSBN, B-100	SSBN, B-100	SSBN, B-100	SSBN, B-100	SSBN, B-100	SSBN, B-100	SSBN, B-100	SSBN, B-100	SSBN, B-100	SSBN, B-100	SSBN, B-100	SSBN, B-100	SSBN, B-100	SSBN, B-100	SSBN, B-100	SSBN, B-100	SSBN, B-100	SSBN, B-100	SSBN, B-100	SSBN, B-100	SSBN, B-100	SSBN, B-100	SSBN, B-100	SSBN, B-100	SSBN, B-100	SSBN, B-100	SSBN, B-100	SSBN, B-100	SSBN, B-100	SSBN, B-100	SSBN, B-100	SSBN, B-100	SSBN, B-100	SSBN, B-100	SSBN, B-100	SSBN, 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1 POSSIBLE, 1 PROBABLE

TOP SECRET

MISSION 1021-1, 18 - 23 MAY 1965

25X1

25X1

TOP SECRET

25X1

Approved For Release 2005/06/08 : CIA-RDP78T05439A000500120039-5

25X1D

Approved For Release 2005/06/08 : CIA-RDP78T05439A000500120039-5

Missiles

TOP SECRET

25X1

25X1

MISSION 1021-1 18-23 MAY 1965

MISSILES

25X1

DROVYANAYA ICBM COMPLEX

UR 5131N 11300E

ENTIRE COMPLEX IS COVERED BY POOR-TO-GOOD QUALITY STEREO PHOTOGRAPHY. THERE IS NO SIGNIFICANT CHANGE AT THE COMPLEX SUPPORT FACILITY OR COMPLETED LAUNCH AREAS A THROUGH D (SITES 1-4) AND F (SITE 6). COMPLETED LAUNCH AREA E (SITE 5) IS IDENTIFIED ONLY. CONSTRUCTION ACTIVITY AT THE RAIL-TO-ROAD TRANSFER POINT CONTINUES. SMALL SCALE PRECLUDES DETAILED INTERPRETATION OF LAUNCH GROUPS G (SITES 7-14, 16, 18) AND H (SITES 15, 19-25), BUT THERE IS NO APPARENT CHANGE AT ANY OF THE LAUNCH SITES.

25X1D

25X1D

LAUNCH SITE H8 (SITE 19) IS IDENTIFIED ONLY.

NO ABM ACTIVITY OBSERVED IN THE EASTERN HALF OF THE 50-NM-RADIUS SEARCH AREA. WESTERN HALF NOT COVERED.

25X1D

ITATKA ICBM COMPLEX

UR 5650N 08535E

THE COMPLEX SUPPORT FACILITY, RAIL-TO-ROAD TRANSFER POINT AND COMPLETED LAUNCH SITES SHOW NO SIGNIFICANT CHANGES. NO ABM ACTIVITY OBSERVED IN CLOUD-FREE AREAS. WEST 50 PERCENT OF SEARCH AREA NOT COVERED.

25X1D

GLADKAYA ICBM COMPLEX

UR 5605N 09211E

EXTREME WESTERN PORTION OF COMPLEX COVERED ON POOR QUALITY, STEREO PHOTOGRAPHY. LAUNCH SITES F6 (SITE 11), F10 (SITE 20), G2 (SITE 17), G3 (SITE 18), AND G4 (SITE 21) CAN BE IDENTIFIED ONLY. THE REMAINDER OF THE COMPLEX IS NOT COVERED.

25X1A

NO ABM ACTIVITY OBSERVED IN THE WESTERN 50 PERCENT OF THE 50-NM-SEARCH RADIUS.

25X1D

TOP SECRET

25X1

25X1

TOP SECRET

25X1

25X1

MISSION 1021-1 18-23 MAY 1965

UZHUR ICBM COMPLEX

UR 5517N 08949E

THE ENTIRE COMPLEX IS COVERED ON FAIR QUALITY, STEREO PHOTOGRAPHY.

25X1A

CONSTRUCTION CONTINUES AT THE COMPLEX SUPPORT FACILITY. THE MOST SIGNIFICANT CONSTRUCTION ACTIVITY IS LOCATED IN THE WEST AND SW PORTIONS. THERE ARE AT LEAST 4 MAJOR BUILDINGS PRESENTLY UNDER CONSTRUCTION AND FOOTINGS FOR SEVERAL OTHERS. THERE ARE ALSO SEVERAL OPEN DITCHES IN THESE PORTIONS. CONSTRUCTION ALSO CONTINUES WITHIN THE RAIL-TO-ROAD TRANSFER POINT. THERE ARE NOW 6 MAJOR BUILDINGS, SEVERAL SMALLER BUILDINGS, A PARALLEL ROAD SYSTEM UNDER CONSTRUCTION, AND A SIGNIFICANT AMOUNT OF CONSTRUCTION MATERIAL STACKED ALONG THE RAIL SPUR WITHIN THE TRANSFER POINT.

AREAS A THROUGH F, AND K (SITES 1-6, 11) REMAIN IN A MID-STAGE OF CONSTRUCTION. THE OTHER 4 AREAS, G THROUGH J (SITES 7-10), ARE IN AN EARLY STAGE OF CONSTRUCTION.

25X1D

LAUNCH AREA A (SITE 1) SHOWS NO SIGNIFICANT CHANGE [REDACTED] THE CONTROL BUILDING AND THE LEGS OF THE ELECTRONIC FACILITY AT LAUNCH AREA B (SITE 2) ARE NOT YET BACKFILLED. A LINEAR, PROBABLY CYLINDRICAL OBJECT IS LOCATED ON THE PREPARED RECTANGULAR EARTHEN FILL LOCATED ADJACENT TO THE SILO EXCAVATION. LAUNCH AREAS C (SITE 3) AND D (SITE 4) SHOW NO SIGNIFICANT CHANGE [REDACTED]

25X1D

25X1D

25X1D

25X1D

THERE IS A FLAT OR LOW LINEAR OBJECT LOCATED ON THE EARTHEN RECTANGULAR FILL ADJACENT TO THE SILO EXCAVATION AT BOTH LAUNCH AREAS E (SITE 5) AND F (SITE 6). LAUNCH AREAS G THROUGH J SHOW NO SIGNIFICANT CHANGE [REDACTED] LAUNCH AREA K (SITE 11) SHOWS NO SIGNIFICANT CHANGE [REDACTED]

NO ABM ACTIVITY OBSERVED WITHIN A 50-NM RADIUS OF THE COMPLEX.

25X1D

25X1A

NOVOSIBIRSK ICBM COMPLEX

UR 5515N 08259E

NO SIGNIFICANT CHANGE IN THE COMPLEX.

THE FUNCTION OF THE UNIDENTIFIED ACTIVITY 4,700 FT

TOP SECRET

25X1

25X1

TOP SECRET

25X1

MISSION 1021-1 18-23 MAY 1965

NORTH OF LAUNCH AREA C (SITE 3) CANNOT BE DETERMINED. IT WAS CONSTRUCTED CONCURRENT WITH THE SITE AND IS CONNECTED TO IT BY A LINEAR SCAR. IT CONSISTS OF A T-SHAPED GROUND SCAR WITH A MOUNDED OBJECT APPROXIMATELY 90 FT IN DIAMETER AND 75 FT FROM THE INTERSECTION OF THE T. THE LINEAR SCAR EXTENDS ACROSS THE INTERSECTION, THEN MAKES AN ACUTE ANGLE TO THE SOUTH TO CONNECT WITH WHAT APPEARS TO BE A MOUNDED OBJECT LOCATED IN THE USUAL POSITION OF A PROBABLE SPRAY POND. NO OTHER CANDIDATE FOR A SPRAY POND IS PRESENT AT THIS SITE. THE STEM OF THE T IS 1,025 FT LONG AND ONE SIDE OF THE BAR IS 805 FT AND THE OTHER 980 FT.

25X1

NO ABM ACTIVITY OBSERVED WITHIN A 50-NM RADIUS OF THE COMPLEX.

25X1D

OLOVYANNAYA ICBM COMPLEX

UR 5049N 11550E

25X1A

COMPLEX IS COVERED ON CLEAR PHOTOGRAPHY. NO APPARENT CHANGE IN THE COMPLEX SUPPORT FACILITY. THE RAIL-TO-ROAD TRANSFER POINT, LAUNCH AREA A (SITE 1), LAUNCH AREA B (SITE 2), OR LAUNCH AREA C (SITE 3). NO APPARENT CHANGE IN LAUNCH GROUP D (SITES 4-13) EXCEPT AT SITE D5 (SITE 9) WHICH APPEARS TO BE BACKFILLED AND IN A LATE STAGE OF CONSTRUCTION. THE LEVEL ACCESS TO THE SILO IS PAVED. NO APPARENT CHANGE IN LAUNCH GROUP E (SITES 14-23) OR AT PROBABLE LAUNCH GROUPS F (SITE 24) AND G (SITES 25-27)

25X1

25X1D

25X1D

NO ABM ACTIVITY OBSERVED WITHIN A 50-NM RADIUS OF THE COMPLEX.

25X1D

SHUANG-CHENG-TZU MISSILE TEST CENTER

CH 4107N 10020E

25X1A

ONLY THE AIRFIELD IS COVERED ON PHOTOGRAPHY.

25X1A

25X1

IN THE 50-NM SEARCH AREA, CENTERED ON 41-07N 100-20E, ONLY THE WESTERN THIRD IS COVERED. NO SAM ACTIVITY OBSERVED ON GOOD, CLEAR PHOTOGRAPHY.

TOP SECRET

25X1

TOP SECRET

25X1

25X1

MISSION 1021-1 18-23 MAY 1965

25X1D

25X1

25X1A

SOVETSKAYA GAVAN SUBMARINE BASE

UR 4902N 14016E

25X1D

NO APPARENT CHANGE IN FACILITIES

25X1D

VESSELS -- 1 PROBABLE CL, 4 PROBABLE DD, 4 POSSIBLE DE, AND NUMEROUS OTHER UNIDENTIFIED VESSELS MOORED, OR UNDERWAY IN AREA. HAZE PRECLUDES FURTHER INTERPRETATION.

25X1D

SOVETSKAYA GAVAN NVL BASE & SHIPYARD 263

UR 4858N 14017E

25X1D

NO APPARENT CHANGE IN FACILITIES

25X1D

VESSELS -- NUMEROUS VESSELS OBSERVED, HOWEVER, POOR IMAGE QUALITY PRECLUDES FURTHER INTERPRETATION.

25X1D

ANTIPINSKOYE SAM ACTIVITY

UR 5254N 11332E

25X1D

NO CHANGE IN PERMANENT FACILITIES

25X1D

NO VISIBLE CHANGE IN THE RADAR COMPONENTS 12.7

25X1D

NM SW OF THE LAUNCH POSITIONS

25X1D

NO INSTRUMENTATION POSITIONS OBSERVED IN SEARCH AREA.

25X1D

BARINDRUSUMU POSSIBLE SAM SITE

CH 4450N 11714E

25X1D

THIS POSSIBLE SAM SITE IS COVERED ON CLOUD-FREE, FAIR QUALITY PHOTOGRAPHY AND SHOWS NO APPARENT CHANGE

THE SITE IS UNOCCUPIED AND HAS NO SUPPORT BUILDINGS. A SEARCH WITHIN A 10-NM RADIUS OF THE SITE REVEALS NO ADDITIONAL POSSIBLE SAM ACTIVITY.

25X1

25X1D

25X1

TOP SECRET

**Air
Facilities**

25X1

TOP SECRET

25X1

MISSION 1021-1 18-23 MAY 1965

AIR FACILITIES

25X1

BORZYA AIRFIELD NORTHWEST

UR 5024N 11623E

AIRCRAFT -- 4 BADGER.

25X1D

ALEKSEYEVKA AIRFIELD

UR 4915N 14014E

25X1

AIRCRAFT -- 51 BADGER, 1 LIGHT STRAIGHT-WING, AND 1
SMALL STRAIGHT-WING ON HARDSTANDS AND PARKING APRONS
ALONG LOOP TAXIWAY.

25X1D

SHUANG-CHENG-TZU AIRFIELD

CH 4021N 09947E

25X1D

NO APPARENT CHANGE IN FACILITIES

25X1D

OBSERVED ON NON-STEREO, POOR QUALITY
PHOTOGRAPHY.

25X1A

AIRCRAFT -- 1 MEDIUM STRAIGHT-WING.

25X1D

TOP SECRET

25X1

Nuclear Energy

Complexes

25X1

TOP SECRET

25X1

MISSION 1021-1 18-23 MAY 1965

COMPLEXES

MALANG COMPLEX

ID 0759S 11238E

COMPLEX IS CLOUD COVERED.

ONLY EASTERN 5 PERCENT OF SEARCH AREA IS CLOUD FREE.
NO SAM ACTIVITY OBSERVED.

25X1D

SURABAJA COMPLEX

ID 0715S 11245E

COMPLEX CAN BE IDENTIFIED ONLY.

NORTHEAST SECTION OF SEARCH AREA IS PARTIALLY CLOUD
FREE. NO SAM ACTIVITY OBSERVED.

25X1D

TOP SECRET

25X1

Index

25X1

TOP SECRET

25X1

MISSION 1021-1 18-23 MAY 1965

INDEX OF COMOR TARGETS

25X1

INSTALLATION NAME

CTY COORDINATES OAK

DROVYANAYA ICBM COMPLEX	UR 5131N 11300E 1
ITATKA ICBM COMPLEX	UR 5650N 08535E 1
GLADKAYA ICBM COMPLEX	UR 5605N 09211E 1
UZHUR ICBM COMPLEX	UR 5517N 08949E 1
NOVOSIBIRSK ICBM COMPLEX	UR 5515N 08259E 1
OLOVYANNAYA ICBM COMPLEX	UR 5049N 11550E 1
SHUANG-CHENG-TZU MISSILE TEST CENTER	CH 4107N 10020E 1
SOVETSKAYA GAVAN SUBMARINE BASE	UR 4902N 14016E 1
SOVETSKAYA GAVAN NVL BASE & SHIPYARD 263	UR 4858N 14017E 1
ANTIPINSKOYE SAM ACTIVITY	UR 5254N 11332E 1
BARINORUSUMU POSSIBLE SAM SITE	CH 4450N 11714E 1
BORZYA AIRFIELD NORTHWEST	UR 5024N 11623E 1
ALEKSEYEVKA AIRFIELD	UR 4915N 14014E 1
SHUANG-CHENG-TZU AIRFIELD	CH 4021N 09947E 1
NOVOSIBIRSK URANIUM METAL PLANT	UR 5505N 08259E 1
CHIH-CHIN-HSIA NUCLEAR ENERGY COMPLEX	CH 4010N 09725E 1
MALANG COMPLEX	ID 0759S 11238E 1
SURABAJA COMPLEX	ID 0715S 11245E 1

25X1A

TOP SECRET

25X1

Attachments

25X1

TOP SECRET

MISSION 1021-1, 18 - 23 MAY 1965

25X1

25X1

ATTACHMENT 1



PRODUCTION AREA, CHIH-CHIN-HSIA NUCLEAR ENERGY COMPLEX, CHINA

25X1

TOP SECRET

25X1